

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0652.2040000/REF/PSC	APPLICATION NO. 09/500,991
		APPLICANT UHLMANN <i>et al.</i>	
		FILING DATE February 15, 2000	GROUP To Be Assigned

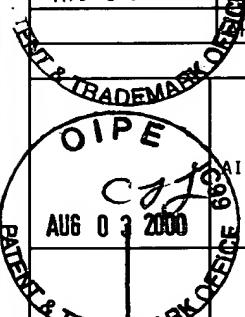
U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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<i>O I P E</i>	AF						Yes/No
<i>O I P E</i> 03 2000	AG						Yes/No
<i>O I P E</i>	AH						Yes/No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	1	Ambrose, W.P. <i>et al.</i> , "Detection System for Reaction-Rate Analysis in a Low-Volume Proteinase-Inhibition Assay," <i>Analyt. Biochem.</i> 263:150-157 (October 1998)
	AJ	Brown, A.M. <i>et al.</i> , "Biotinylated and Cysteine-Modified Peptides as Useful Reagents for Studying the Inhibition of Cathepsin G," <i>Analyt. Biochem.</i> 217:139-147 (1994)
	AK	Cai, J. <i>et al.</i> , "Reconstitution of human replication factor C from its five subunits in baculovirus-infected insect cells," <i>Proc. Natl. Acad. Sci. USA</i> 93:12896-12901 (1996)
	AL	Cerratani, M. <i>et al.</i> , "A High-Throughout Radiometric Assay for Hepatitis C Virus NS3 Protease," <i>Analyt. Biochem.</i> 266:192-197 (January 1999)
	AM	Ciosk, R. <i>et al.</i> , "An ESP1/PDS1 Complex Regulates Loss of Sister Chromatid Cohesion at the Metaphase to Anaphase Transition in Yeast," <i>Cell</i> 93:1067-1076 (June 1998)
	AN	Cohen-Fix, O. <i>et al.</i> , "Anaphase initiation in <i>Saccharomyces cerevisiae</i> is controlled by the APC-dependent degradation of the anaphase inhibitor Pds1p," <i>Genes & Devel.</i> 10:3081-3093 (1996)

EXAMINER	<i>Christina L. Forder</i>	DATE CONSIDERED	<i>01/21/02</i>
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OIE AUG 03 2000 C72 SEARCHED SERIALIZED INDEXED FILED U.S. PATENT & TRADEMARK OFFICE 2000 SAC-69	AJ	2	Dominguez, A. et al., "hpttg, a human homologue of rat pttg, is overexpressed in hematopoietic neoplasms. Evidence for a transcriptional activation function of hPTTG," <i>Oncogene</i> 17:2187-2193 (October 1998)
	AJ	2	Dougherty, W. et al., "Molecular Genetic Analysis of a Plant Virus Polyprotein Cleavage Site: A Model," <i>Virology</i> 171:356-364 (1989)
	AK	2	Epstein, C.B., and Cross, F.R., "CLB5: a novel B cyclin from budding yeast with a role in S phase," <i>Genes & Devel.</i> 6:1695-1706 (1992)
	AL	2	Faleiro, L. et al., "Multiple species of CPP32 and Mch2 are the major active caspases present in apoptotic cells," <i>EMBO J.</i> 16:2271-2281 (1997)
	AM	2	Funabiki, H. et al., "Cut2 proteolysis required for sister-chromatid separation in fission yeast," <i>Nature</i> 381:438-441 (1996)
	AN	2	Gershkovich, A.A., and Kholodovych, V.V., "Fluorogenic substrates for proteases based on intramolecular fluorescence energy transfer (IFETS)," <i>J. Biochem. Biophys. Methods</i> 33:135-162 (1996)

EXAMINER	<i>Christa L. Wende</i>	DATE CONSIDERED	<i>10/12/02</i>
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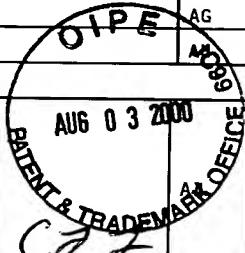
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 AUG 03 2000 CD 2	3	Gietz, R.D. and Sugino, A., "New yeast- <i>Escherichia coli</i> shuttle vectors constructed with in vitro mutagenized yeast genes lacking six-base pair restriction sites," <i>Gene</i> 74:527-534 (1988)					
	AJ	3	Gray, N.M. <i>et al.</i> , "Discovery and Analysis of a Series of C ₂ -Symmetric HIV-1 Proteinase Inhibitors Derived from Penicillin," <i>Analyst. Biochem.</i> 216:89-96 (1994)				
	AK	3	Hayden, J.H. <i>et al.</i> , "Kinetochores Capture Astral Microtubules During Chromosome Attachment to the Mitotic Spindle: Direct Visualization in Live Newt Lung Cells," <i>J. Cell Biol.</i> 111:1039-1045 (1990)				
	AL	3	Jolley, M.E., "Fluorescence Polarization Assays for the Detection of Proteases and Their Inhibitors," <i>J. Biomol. Screening</i> 1:33-38 (1996)				
	AM	3	Kerrebrock, A.W. <i>et al.</i> , "Mei-S332, a Drosophila Protein Required for Sister-Chromatid Cohesion, Can Localize to Meiotic Centromere Regions," <i>Cell</i> 83:247-256 (1995)				
	AN	3	Klein, F. <i>et al.</i> , "A Central Role for Cohesins in Sister Chromatid Cohesion, Formation of Axial Elements, and Recombination during Yeast Meiosis," <i>Cell</i> 98:91-103 (July 1999)				

EXAMINER	<i>Christie T. Roorda</i>	DATE CONSIDERED <i>10/12/02</i>
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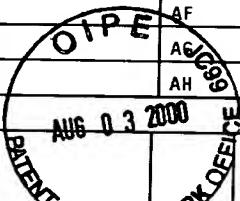
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 <i>CJZ</i>	4	<p>Kramer, E.R. <i>et al.</i>, "Activation of the human anaphase-promoting complex by proteins of the CDC20/Fizzy family," <i>Curr. Biol.</i> 8:1207-1210 (October 1998)</p>					
		AJ	4	Levine, L.M. <i>et al.</i> , "Measurement of Specific Protease Activity Utilizing Fluorescence Polarization," <i>Analyt. Biochem.</i> 247:83-88 (1997)			
	AK	4		Liang, C. and Stillman, B., "Persistent initiation of DNA replication and chromatin-bound MCM proteins during the cell cycle in <i>cdc6</i> mutants," <i>Genes & Devel.</i> 11:3375-3386 (1997)			
	AL	4		Lim H.H. <i>et al.</i> , "Cdc20 is essential for the cyclosome-mediated proteolysis of both Pds1 and Clb2 during M phase in budding yeast," <i>Curr. Biol.</i> 8:231-234 (February 1998)			
	AM	4		Losada, A. <i>et al.</i> , "Identification of <i>Xenopus</i> SMC protein complexes required for sister chromatid cohesion," <i>Genes & Devel.</i> 12:1986-1997 (July 1998)			
	AN	4		Matayoshi, E.D. <i>et al.</i> , "Novel Fluorogenic Substrates for Assaying Retroviral Proteases by Resonance Energy Transfer," <i>Science</i> 247:954-958 (1990)			

EXAMINER	<i>Christopher L. Fonda</i>	DATE CONSIDERED <i>10/12/00</i>
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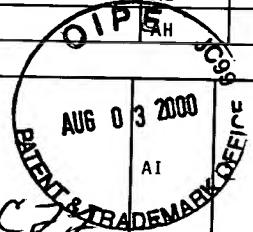
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 AUG 03 2000 AI	5	McGrew, J.T. <i>et al.</i> , "Requirement for ESP1 in the Nuclear Division of <i>Saccharomyces cerevisiae</i> ," <i>Mol. Biol. Cell</i> 3:1443-1454 (1992)					
		AJ	5	McKay, M.J. <i>et al.</i> , "Sequence Conservation of the <i>rad21</i> <i>Schizosaccharomyces pombe</i> DNA Double-Strand Break Repair Gene in Human and Mouse," <i>Genomics</i> 36:305-315 (1996)			
	AK	5		Merdes, A. and De Mey, J., "The mechanism of kinetochore-spindle attachment and polewards movement analyzed in Ptk ₂ cells at the prophase-prometaphase transition," <i>Eur. J. Cell Biol.</i> 53:313-325 (1990)			
	AL	5		Michaelis, C. <i>et al.</i> , "Cohesions: Chromosomal Proteins that Prevent Premature Separation of Sister Chromatids," <i>Cell</i> 91:35-45 (1997)			
	AM	5		Miyazaki, W.Y. and Orr-Weaver, T.L., "Sister-Chromatid Cohesion in Mitosis and Meiosis," <i>Annu. Rev. Genet.</i> 28:167-187 (1994)			
	AN	5		Moore, D.P. <i>et al.</i> , "The Cohesion Protein MEI-S332 Localizes to Condensed Meiotic and Mitotic Centromeres until Sister Chromatids Separate," <i>J. Cell Biol.</i> 140:1003-1012 (March 1998)			

EXAMINER

Charles R. Jenkins

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10/12/02

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AUG 03 2000 PATENT & TRADEMARK OFFICE C22	6	Murray, A.W., "Cell Cycle Extracts," <i>Meth. Cell Biol.</i> 36:581-605 (1991)				
		AJ	6	Murray, M.G. <i>et al.</i> , "Inactivation of a yeast transactivator by the fused HIV-1 proteinase: a simple assay for inhibitors of the viral enzyme activity," <i>Gene</i> 134:123-128 (1993)		
	AK	6		Nagase, T. <i>et al.</i> , "Prediction of the Coding Sequences of Unidentified Human Genes. V. The Coding Sequences of 40 New Genes (KIAA0161-KIAA0200) Deduced by Analysis of cDNA Clones from Human Cell Line KG-1," <i>DNA Res.</i> 3:17-24 (1996)		
	AL	6		Nicholson, D.W. <i>et al.</i> , "Identification and inhibition of the ICE/CED-3 protease necessary for mammalian apoptosis," <i>Nature</i> 376:37-43 (1995)		
	AM	6		Peters, J.-M., "SCF and APC: the Yin and Yang of cell cycle regulated proteolysis," <i>Curr. Opin. Cell Biol.</i> 10:759-768 (December 1998)		
	AN	6		Rieder, C.L. and Salmon, E.D., "The vertebrate cell kinetochore and its roles during mitosis," <i>Trends in Cell Biol.</i> 8:310-318 (August 1998)		

EXAMINER

Christen L. Torda

DATE CONSIDERED

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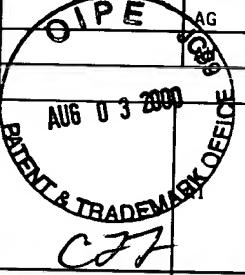
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 <i>AUG 13 2000</i> <i>CFF</i>	7	Sarubbi, E. <i>et al.</i> , "A high throughput assay for inhibitors of HIV-1 protease," <i>FEBS Lett.</i> 279:265-269 (1991)					
		AJ	7	Singh, J. <i>et al.</i> , "Lead Development: Validation and Application of High Throughput Screening For Determination of Pharmacokinetic Parameters for Enzyme Inhibitors," <i>Bioorganic & Medicinal Chem.</i> 4:639-643 (1996)			
	AK	7		Stebbins, J. and Debouck, C., "A Microtiter Colorimetric Assay for the HIV-1 Protease," <i>Analyt. Biochem.</i> 248:246-250 (1997)			
	AL	7		Taliani, M. <i>et al.</i> , "A Continuous Assay of Hepatitis C Virus Protease Based on Resonance Energy Transfer Depsipeptide Substrates," <i>Analyt. Biochem.</i> 240:60-67 (1996)			
	AM	7		Uhlmann, F. and Nasmyth, K., "Cohesion between sister chromatids must be established during DNA replication," <i>Curr. Biol.</i> 8:1095-1101 (September 1998)			
	AN	7		Zou, H. <i>et al.</i> , "Identification of a Vertebrate Sister-Chromatid Separation Inhibitor Involved in Transformation and Tumorigenesis," <i>Science</i> 285:418-422 (July 1999)			

EXAMINER *Christie L. Farber*DATE CONSIDERED *10/12/02*

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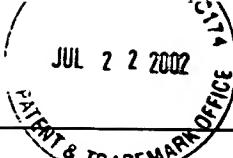
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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE
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CJZ	AE1	WO 95/15749 A1	06/15/1995	WIPO			Yes No
↓	AF1	WO 98/27994 A1	07/02/1998	WIPO			Yes No
↓	AG1	WO 98/49190 A2	11/05/1998	WIPO			Yes No
	AH						Yes No

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CJZ	AI	8	Clark, D.A., et al., "Protease Inhibitors Suppress In Vitro Growth of Human Small Cell Lung Cancer," <i>Peptides</i> 14:1021-1028, Pergamon Press Ltd. (1993)
↓	AJ	8	NCBI Entrez, GenBank Report, Accession No. D79987, from Nomura, N. (1995)
↓	AK	8	Uhlmann, F., et al., "Sister-chromatid separation at anaphase onset is promoted by cleavage of the cohesion subunit SCC1," <i>Nature</i> 400:37-42, Macmillan Journals Ltd. (July 1999)
↓	AL	8	International Search Report for International Patent Application No. PCT/EP00/01183, mailed June 29, 2000
	AM		
	AN		

EXAMINER

Christie L. Thinde

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